

# Glenn Randall

## List of Publications by Year in descending order

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61  
papers

11,063  
citations

87888

38  
h-index

123424

61  
g-index

72  
all docs

72  
docs citations

72  
times ranked

19299  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	Identification of microRNAs of the herpesvirus family. <i>Nature Methods</i> , 2005, 2, 269-276.	19.0	1,073
3	Dengue Virus-Induced Autophagy Regulates Lipid Metabolism. <i>Cell Host and Microbe</i> , 2010, 8, 422-432.	11.0	567
4	Cellular cofactors affecting hepatitis C virus infection and replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 12884-12889.	7.1	511
5	Dengue virus nonstructural protein 3 redistributes fatty acid synthase to sites of viral replication and increases cellular fatty acid synthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17345-17350.	7.1	425
6	Functions of autophagy in normal and diseased liver. <i>Autophagy</i> , 2013, 9, 1131-1158.	9.1	384
7	Allele-Specific Targeting of microRNAs to HLA-G and Risk of Asthma. <i>American Journal of Human Genetics</i> , 2007, 81, 829-834.	6.2	344
8	CD81 Is Required for Hepatitis C Virus Glycoprotein-Mediated Viral Infection. <i>Journal of Virology</i> , 2004, 78, 1448-1455.	3.4	322
9	Clearance of replicating hepatitis C virus replicon RNAs in cell culture by small interfering RNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 235-240.	7.1	314
10	Roles for endocytic trafficking and phosphatidylinositol 4-kinase III alpha in hepatitis C virus replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7577-7582.	7.1	305
11	Structure of papain-like protease from SARS-CoV-2 and its complexes with non-covalent inhibitors. <i>Nature Communications</i> , 2021, 12, 743.	12.8	297
12	Multifaceted roles for lipids in viral infection. <i>Trends in Microbiology</i> , 2011, 19, 368-375.	7.7	287
13	Anticancer kinase inhibitors impair intracellular viral trafficking and exert broad-spectrum antiviral effects. <i>Journal of Clinical Investigation</i> , 2017, 127, 1338-1352.	8.2	188
14	Masitinib is a broad coronavirus 3CL inhibitor that blocks replication of SARS-CoV-2. <i>Science</i> , 2021, 373, 931-936.	12.6	173
15	Hepatitis C Virus Stimulates the Phosphatidylinositol 4-Kinase III Alpha-Dependent Phosphatidylinositol 4-Phosphate Production That Is Essential for Its Replication. <i>Journal of Virology</i> , 2011, 85, 8870-8883.	3.4	158
16	RNA Interference and Single Particle Tracking Analysis of Hepatitis C Virus Endocytosis. <i>PLoS Pathogens</i> , 2009, 5, e1000702.	4.7	157
17	Silencing of USP18 Potentiates the Antiviral Activity of Interferon Against Hepatitis C Virus Infection. <i>Gastroenterology</i> , 2006, 131, 1584-1591.	1.3	154
18	A Physical Interaction Network of Dengue Virus and Human Proteins. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.012187.	3.8	153

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19	Molecular Determinants and Dynamics of Hepatitis C Virus Secretion. <i>PLoS Pathogens</i> , 2012, 8, e1002466.	4.7	151
20	Dengue Virus and Autophagy. <i>Viruses</i> , 2011, 3, 1332-1341.	3.3	124
21	Lipids at the interface of virus-host interactions. <i>Current Opinion in Microbiology</i> , 2012, 15, 512-518.	5.1	116
22	Host Lipids in Positive-Strand RNA Virus Genome Replication. <i>Frontiers in Microbiology</i> , 2019, 10, 286.	3.5	106
23	Dengue Virus Activates the AMP Kinase-mTOR Axis To Stimulate a Proviral Lipophagy. <i>Journal of Virology</i> , 2017, 91, .	3.4	102
24	Manipulation or capitulation: virus interactions with autophagy. <i>Microbes and Infection</i> , 2012, 14, 126-139.	1.9	95
25	Single Particle Imaging of Polarized Hepatoma Organoids upon Hepatitis C Virus Infection Reveals an Ordered and Sequential Entry Process. <i>Cell Host and Microbe</i> , 2018, 23, 382-394.e5.	11.0	85
26	Tipiracil binds to uridine site and inhibits Nsp15 endoribonuclease NendoU from SARS-CoV-2. <i>Communications Biology</i> , 2021, 4, 193.	4.4	85
27	A Novel Soluble ACE2 Variant with Prolonged Duration of Action Neutralizes SARS-CoV-2 Infection in Human Kidney Organoids. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 795-803.	6.1	82
28	Virus Impact on Lipids and Membranes. <i>Annual Review of Virology</i> , 2019, 6, 319-340.	6.7	81
29	Cannabidiol inhibits SARS-CoV-2 replication through induction of the host ER stress and innate immune responses. <i>Science Advances</i> , 2022, 8, .	10.3	77
30	Lipids in Innate Antiviral Defense. <i>Cell Host and Microbe</i> , 2013, 14, 379-385.	11.0	72
31	Positive-strand RNA viruses stimulate host phosphatidylcholine synthesis at viral replication sites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1064-73.	7.1	72
32	Flunarizine prevents hepatitis C virus membrane fusion in a genotype-dependent manner by targeting the potential fusion peptide within E1. <i>Hepatology</i> , 2016, 63, 49-62.	7.3	64
33	(+) RNA virus replication compartments: a safe home for (most) viral replication. <i>Current Opinion in Microbiology</i> , 2016, 32, 82-88.	5.1	62
34	Interfering with hepatitis C virus RNA replication. <i>Virus Research</i> , 2004, 102, 19-25.	2.2	60
35	Flavivirus modulation of cellular metabolism. <i>Current Opinion in Virology</i> , 2016, 19, 7-10.	5.4	50
36	Spatiotemporal Analysis of Hepatitis C Virus Infection. <i>PLoS Pathogens</i> , 2015, 11, e1004758.	4.7	47

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37	Identification and comparative analysis of hepatitis C virus–host cell protein interactions. <i>Molecular BioSystems</i> , 2013, 9, 3199.	2.9	46
38	Hepatitis C virus–host interactions, replication, and viral assembly. <i>Current Opinion in Virology</i> , 2012, 2, 725-732.	5.4	42
39	Nanotraps for the containment and clearance of SARS-CoV-2. <i>Matter</i> , 2021, 4, 2059-2082.	10.0	38
40	Lipid Droplet Metabolism during Dengue Virus Infection. <i>Trends in Microbiology</i> , 2018, 26, 640-642.	7.7	34
41	RNA triphosphatase DUSP11 enables exonuclease XRN-mediated restriction of hepatitis C virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8197-8202.	7.1	32
42	EWSR1 Binds the Hepatitis C Virus <i>cis</i> -Acting Replication Element and Is Required for Efficient Viral Replication. <i>Journal of Virology</i> , 2013, 87, 6625-6634.	3.4	31
43	Daclatasvir inhibits hepatitis C virus NS5A motility and hyper-accumulation of phosphoinositides. <i>Virology</i> , 2015, 476, 168-179.	2.4	31
44	Interactions between the Hepatitis C Virus Nonstructural 2 Protein and Host Adaptor Proteins 1 and 4 Orchestrate Virus Release. <i>MBio</i> , 2018, 9, .	4.1	31
45	A Novel Soluble ACE2 Protein Provides Lung and Kidney Protection in Mice Susceptible to Lethal SARS-CoV-2 Infection. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 1293-1307.	6.1	26
46	Hepatitis C virus cell culture replication systems: their potential use for the development of antiviral therapies. <i>Current Opinion in Infectious Diseases</i> , 2001, 14, 743-747.	3.1	25
47	Potential roles for cellular cofactors in hepatitis C virus replication complex formation. <i>Communicative and Integrative Biology</i> , 2009, 2, 471-473.	1.4	23
48	Liver-expressed <i>Cd302</i> and <i>Cr1</i> limit hepatitis C virus cross-species transmission to mice. <i>Science Advances</i> , 2020, 6, .	10.3	23
49	Generation of potent cellular and humoral immunity against SARS-CoV-2 antigens via conjugation to a polymeric glyco-adjuvant. <i>Biomaterials</i> , 2021, 278, 121159.	11.4	23
50	Polymersomes Decorated with the SARS-CoV-2 Spike Protein Receptor-Binding Domain Elicit Robust Humoral and Cellular Immunity. <i>ACS Central Science</i> , 2021, 7, 1368-1380.	11.3	21
51	Herpes Simplex Virus 1 Open Reading Frames O and P Are Not Necessary for Establishment of Latent Infection in Mice. <i>Journal of Virology</i> , 2000, 74, 9019-9027.	3.4	17
52	A Multifunctional Neutralizing Antibody–Conjugated Nanoparticle Inhibits and Inactivates SARS–CoV–2. <i>Advanced Science</i> , 2022, 9, e2103240.	11.2	16
53	Cannabidiol inhibits SARS-CoV-2 replication through induction of the host ER stress and innate immune responses.. <i>Science Advances</i> , 2022, , eabi6110.	10.3	11
54	Possibilities for RNA Interference in Developing Hepatitis C Virus Therapeutics. <i>Viruses</i> , 2010, 2, 1647-1665.	3.3	6

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55	Three-Dimensional Cell Culture Systems for Studying Hepatitis C Virus. <i>Viruses</i> , 2021, 13, 211.	3.3	6
56	Hepatitis C Virus Replication Compartment Formation: Mechanism and Drug Target. <i>Gastroenterology</i> , 2014, 146, 1164-1167.	1.3	4
57	Live Cell Imaging of Hepatitis C Virus Trafficking in Hepatocytes. <i>Methods in Molecular Biology</i> , 2019, 1911, 263-274.	0.9	4
58	Allele-Specific Targeting of microRNAs to HLA-G and Risk of Asthma. <i>American Journal of Human Genetics</i> , 2008, 82, 251.	6.2	3
59	CD300LF Polymorphisms of Inbred Mouse Strains Confer Resistance to Murine Norovirus Infection in a Cell Type-Dependent Manner. <i>Journal of Virology</i> , 2020, 94, .	3.4	3
60	The cargo adapter protein CLINT1 is phosphorylated by the Numb-associated kinase BIKE and mediates dengue virus infection. <i>Journal of Biological Chemistry</i> , 2022, 298, 101956.	3.4	2
61	Hepatitis C Virus-Host Interactions. , 2016, , 197-233.		1